

Name: _____

Section _____

Partner's Name _____

Date _____

The Rate Law in Chemical Kinetics Data Sheet

Reagent Concentrations

[KI], M _____

[Na₂S₂O₃], M _____

[(NH₄)₂S₂O₈], M _____

T (K) _____

Run	Time, s	[I ⁻] ₀ , M	Ln[I ⁻] ₀	[S ₂ O ₈ ²⁻] ₀ , M	Ln[S ₂ O ₈ ²⁻] ₀	R ₀ , M·s ⁻¹	LnR ₀	k
1								
2								
3								
4								
5								
6								
7								
8								
9								

Average k: _____ (including units)